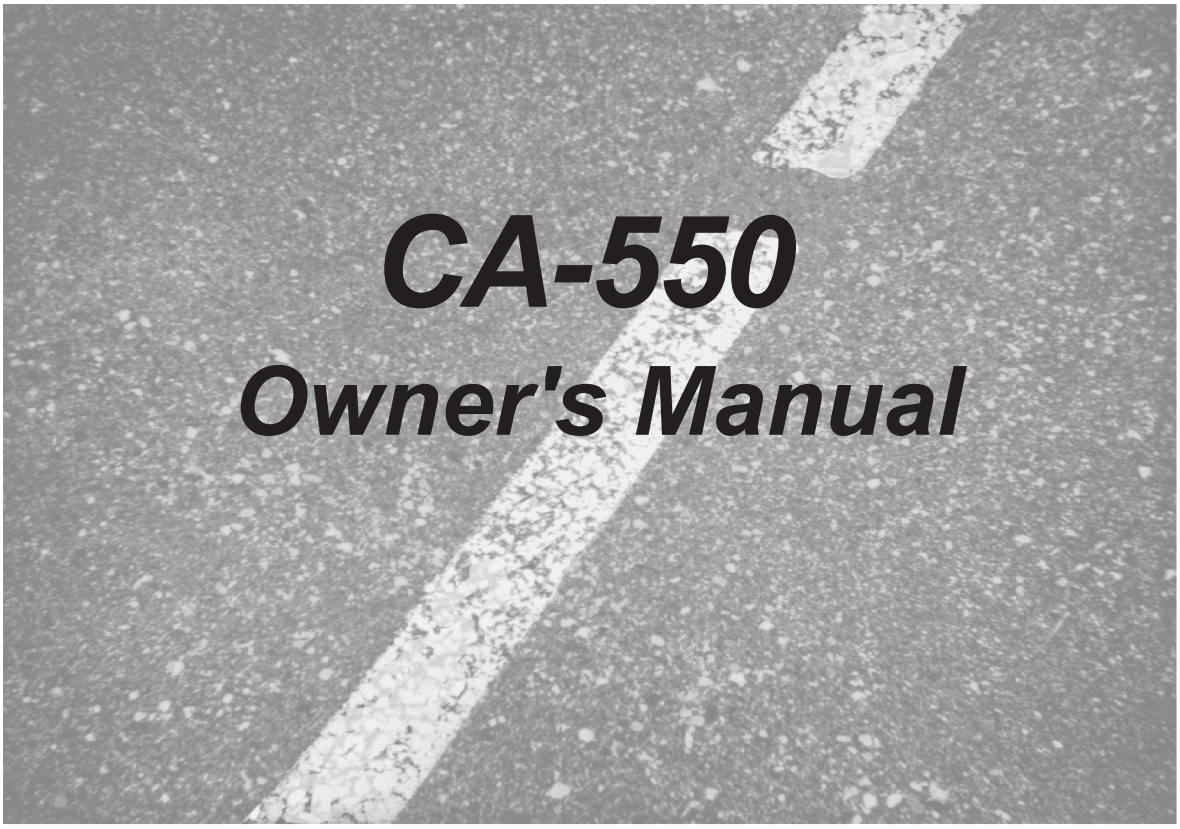
CODE ALARM

Remote Vehicle Control System



CA-550
Owner's Manual

Deluxe Vehicle Security and Remote Start System

IMPORTANT NOTE: The operation of the Security and Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.

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* *May require additional installation labor, components and installation cost*

Using Your Remote Control

Arming the Security System

To arm the system, exit the vehicle, close all doors, then press the LOCK icon button on the remote control. The system will sound twice and the parking lights will flash twice, indicating the system is armed. The doors will also lock at this time (if equipped and connected). The blue dash mounted status indicator light will blink steadily, once per second. To arm the system silently, press and hold the LOCK icon button for 2 seconds. The parking lights will flash 2 times indicating the system is armed and has locked the doors (if equipped and connected). The blue dash mounted status indicator will blink steadily, once per second.

Pre-arm Mode

If the system sounds and the parking lights flash only once, this indicates that the vehicle's interior light is on or an entrance is left open. Check to see that all doors hood and trunk are closed properly. Once all entrances are secured (and the interior light is off), this system will sound/flash again. The system is now fully armed (If the entrance is not secured within 4 minutes, the system will arm and ignore the unsecured entrance until it is closed.)

Disarming the Security System

To disarm the system press the UNLOCK icon button. The system will sound and the parking lights will flash once, and the doors will unlock (if equipped and connected). To disarm the system silently, press and hold the UNLOCK icon button for 2 seconds. The parking lights will flash, indicating the system is disarmed and has unlocked the doors (if equipped and connected).

Disabling/Enabling Confirmation Chirps

1. Turn the ignition key ON then OFF.
2. Within 10 seconds push and release the valet/override button 3 times.
3. The system will sound 2 times to disable confirmation chirps or 1 time to enable confirmation chirps.

Attempted Intrusion Identification

This system will inform you if an intrusion attempt has occurred while you were away from the vehicle. If an intrusion attempt occurred, the system will sound 4 times and the parking lights will flash 3 times when disarming the system. Enter the vehicle an observe the blue dash mounted status indicator light to Identify which zone was triggered.

1. IT-s Interior Theft Sensor- 1 flash, pause 1 flash, etc.
2. Hood or Trunk Pin switch- 2 flashes, pause 2 flashes, etc.
3. Door Entry- 3 flashes, pause 3 flashes, etc.

The intrusion warning indicators are stored in the system's memory and will be erased when the ignition key is turned on.

*Throughout this manual, 'press' refers to pressing for less than 1 second.

Using Your Remote Control, continued

Two Stage Door Unlock

If this feature is enabled on your system, pressing the UNLOCK icon button one time on the remote control will unlock only the driver's door. Press the UNLOCK icon button again to unlock the remaining doors.

Activating the Trunk Release Feature (Optional)

If this feature is enabled on your system, pressing and holding the TRUNK icon button on the remote control for 2 seconds will open the vehicle's trunk or hatch.

Turning on the Vehicle's Headlights (Optional)

If this feature is enabled on your system, pressing and holding the LOCK icon button on the remote control for 3 seconds will turn on the vehicle's headlights for 30 seconds.

Activating Optional Channel 2 (Optional)

If this feature is enabled on your system, pressing and holding the LOCK icon button and the TRUNK icon button on the remote control simultaneously will activate an optional feature. This feature can be programmed for a wide range of functions like power window or sunroof automation, please consult your installing dealer to determine functionality of your system.

Activating Optional Channel 3 (Optional)

If this feature is enabled on your system, pressing and holding the OPT button on the remote control will activate an optional feature. Optional channel 3 is generally used to turn on the rear window defroster after the vehicle has been remote started, but can also be programmed for a wide range of functions, please consult your installing dealer to determine functionality of your system.

Activating Optional Channel 4 (Optional)

If this feature is enabled on your system, pressing and holding the LOCK icon button and the OPT button on the remote control simultaneously will activate an optional feature. This feature can be programmed for a wide range of functions like power window or sunroof automation, please consult your installing dealer to determine functionality of your system.

Activating Optional Channel 5 (Optional)

If this feature is enabled on your system, pressing and holding the UNLOCK icon button and the OPT button on the remote control simultaneously will activate an optional feature. This feature can be programmed for a wide range of functions like power window or sunroof automation, please consult your installing dealer to determine functionality of your system.

Using the Progressive Car Finder Feature

Press the ✲ icon button on the remote control to locate your vehicle. The system will sound 5 times at low volume increasing in volume each of 3 times the button is pressed.

Using the Personal Protection Alarm (Panic)

Press and hold the ✲ icon button on the remote control for 2 seconds to activate the personal protection alarm. The system will sound for 30 seconds. Pressing any button on the remote control will turn the personal protection alarm off.

Using Your Remote Control, continued

Using the Transmitter Flashlight Feature

The 6 button remote controls included with your system have a flashlight bulb built into the top of the remote control. Pressing and holding the LIGHT icon button on the remote control will activate the flashlight until the button is released.

Using Your Remote Vehicle Starter

Remote Starting Your Vehicle

To activate the remote vehicle start function, press and release the OPT button on the remote control two (2) times within 2 seconds. The system will sound, the parking lights will flash 1 time and the system will check the vehicle to ensure it is safe to start, if all safety parameters are correct, the vehicle will start within 5 seconds (diesel vehicles will take longer). The vehicle's parking lights will turn on (or flash depending on system settings) as a visual indication that the vehicle has started and is running.

If your vehicle stalls or does not start, the system will pause 5 seconds, then try 3 more times to start the vehicle (a total of four attempts). The system will pause 5 seconds between each start attempt. If the vehicle does not start after the fourth attempt, the system will abort the remote vehicle start process.

Entering the Vehicle While it is Running via Remote Vehicle Start

1. Unlock the vehicle's doors.
2. Enter the vehicle. DO NOT PRESS THE BRAKE PEDAL!
3. Insert the key into the ignition switch and turn to the ON or RUN position.
4. Press the brake pedal. The remote vehicle starter will disengage and the vehicle will operate normally.

Using the Safety (Red Handled) Control Switch

The safety (red handled) control switch allows you to temporarily disable the remote vehicle starter feature, this is especially helpful when having your vehicle serviced or valet parked. To disable the remote start, move the safety (red handled) control switch to the OFF position.

Preheating or Precooling the Vehicle's interior

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the system starts the vehicle, the heater or air conditioning will activate and heat or cool the vehicle's interior to your setting.

Turning on the Rear Window Defroster (Optional)

While the vehicle is running via remote vehicle start, press and hold the OPT button on the remote control for 2 seconds. The rear window defroster will turn on for 10 minutes or the vehicles preset time limit.

Using the "Quick-stop" Feature

If you want to make a short stop and keep your vehicle running (to keep the interior warm or cool), the quick-stop feature allows you to do this while keeping your vehicle secure and your keys with you.

To engage quick stop:

1. Stop the vehicle and place the transmission in PARK.
2. With your foot off the brake pedal, press and release the OPTION button on the remote control two (2) times within 2 seconds. The parking lights will turn on indicating the vehicle is now running via remote vehicle start.
3. Remove the keys from the ignition and exit the vehicle. Press the LOCK icon button on the remote control to lock the vehicle's doors if desired.

Note: Do not leave children or animals unattended in the vehicle when using the quick-stop feature.

Using Your Remote Vehicle Starter, continued

Operating the 2 / 4 Hour Start Up Timer Mode

The system has the ability to start the vehicle every 2 or 4 hours over a 48 hour period. This feature is especially useful in cold climates where the only means to keep the engine and engine fluids warm is to periodically start the engine.

WARNING!

Be certain that the vehicle is outdoors before using this or any remote starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if is garaged.

Selecting between 2 and 4 hour start up: (default 4 hour)

1. Begin with the safety (red handled) control switch in the ON position.
2. Turn the ignition switch ON then OFF.

3a. Within 10 seconds move the safety (red handled) control switch OFF, ON, OFF, ON (2 switch cycles) to select a 2 hour start timer. After 10 seconds the parking lights will flash and the system will sound 2 times indicating that the 2 hour start timer is selected.

Or

3b. Within 10 seconds move the safety (red handled) control switch OFF, ON, OFF, ON, OFF, ON, OFF, ON (4 switch cycles) to select a 2 hour start timer. After 10 seconds the parking lights will flash and the system will sound 4 times indicating that the 4 hour start timer is selected.

To begin the 2 / 4 hour start up timer mode:

1. Turn the ignition key ON then OFF.
2. Within 10 seconds press the OPT button on the remote control four (4) times.

The parking lights will flash and the system will sound 4 times indicating the 2 / 4 hour start up timer mode has been activated. The vehicle will start every 2 or 4 hours and run for the preset time limit (5, 10, 15 or 20 minutes) and then shutdown. This will continue for 48 hours unless the 2 / 4 hour start up timer is cancelled.

To begin the 2 / 4 hour start up timer mode from the remote control:

1. Activate the remote vehicle start feature using the remote control.
2. Shutdown the remote vehicle starter using the remote control (press the OPT button 2 times).
3. Within 10 seconds press OPT button on the remote control 4 times.

The parking lights will flash and the system will sound 4 times indicating the 2 / 4 hour start up timer mode has been activated. The vehicle will start every 2 or 4 hours and run for the preset time limit (5, 10, 15 or 20 minutes) and then shutdown. This will continue for 48 hours unless the 2 / 4 hour start up timer is cancelled.

To cancel the 2 /4 hour start up timer mode:

1. Start the vehicle using the ignition key, then press the brake pedal.

Or

2. Activate the remote vehicle start feature using the remote control.

Operating the Temperature Start Mode

The system has the ability to start the vehicle when the temperature reaches 0 degrees. To toggle this feature on/off using the remote control press the UNLOCK and OPT buttons simultaneously for 1 second.

Note: This feature must be turned ON in options programming. Check with your installing dealer to insure this feature is set to the ON position.

Using Your Remote Vehicle Starter, continued

Operating the Daily Start Timer

The system has the ability to start your vehicle based on a 24-hour countdown timer. To activate this feature, using the remote control press the LOCK and OPT buttons simultaneously for 1 second. The system will begin counting sown from 24 hours, and start the vehicle when it reaches zero. This timer will only activate 1 time and will need to be reactivated for each 24 hour period.

Remote Start Safety Features

For safety and security reasons, the system will shutdown or prevent the remote vehicle starter from activating if any of the following occur:

1. The vehicle hood is open.
2. The brake pedal is pressed prior to turning the ignition key to the ON position.
3. The engine reaches 3 times its normal idle speed.
4. The safety (red handled) control switch is turned to the OFF position.

Using Valet Mode

To engage valet mode:

1. Turn the ignition key to the ON position.
2. Press and hold the emergency override button.
3. The blue dashboard mounted LED will light solid indicating that the system is in valet mode.

When valet mode is activated the dash mounted status LED will light solid, and all security functions will be disabled.

To disengage valet Mode:

1. Turn the ignition key to the ON position.
2. Press and release the emergency override button.
3. The blue dashboard mounted LED will turn off indicating that the system has exited valet mode.

When the valet mode has been deactivated the dash mounted status LED will turn off and all security functions will be enabled the next time the system is armed.

Using the Optional Turbo Timer Feature

To engage the turbo timer feature:

1. With the vehicle running via the ignition key, and your foot off of the brake pedal.
2. Engage the vehicle's parking brake.
3. The vehicle's parking lights will turn on to verify the turbo timer feature has been activated.
4. Turn the ignition key OFF, the vehicle will continue to run for an additional 5 minutes.

To disengage the turbo timer feature:

1. Press the vehicle's brake pedal.

   Or
2. Turn the safety (red handled) control switch to the OFF position.

Optional Songbird Feature

- The optional songbird feature (Code Alarm part # SB1 and labor required) allows you to program songs and tones to your system (i.e. Setting a different tone for Lock activation and unlock activation).
- **Turning Songbird On:** Press and release the TRUNK icon button on the remote control, then press and hold the LOCK icon button on the remote control within 2 seconds. The SB1 speaker will give notification that Songbird has be turned ON.
- T**urning Songbird Off:** Press and release the TRUNK icon button on the remote control, then press and hold the UNLOCK icon button on the remote control within 2 seconds. The SB1 speaker will give notification that Songbird has be turned OFF.
- **Setting Songbird Tones:** Press and release the TRUNK icon button on the remote control, then press the OPT button on the remote control within 2 seconds. Press the LOCK icon button on the remote control or UNLOCK icon button on the remote control to scroll through the different tones.
- While in this mode the TRUNK icon button on the remote control will change the length or version of the tone.
- Press the OPT button on the remote control to select the desired tone and exit programming.

Please see your sales associate for details on Song Bird or any other Code Alarm accessory.

Replacing Remote Control Batteries

- The two (2) 3 volt lithium batteries (model CR2025) inside each remote control should last approximately 1 year under normal use. When the batteries become weak you will notice the remote control range (the distance from the vehicle the remote control will work) deteriorate and the small LED on the remote control will dim. To replace the remote control batteries:

1. Using a small (#1) phillips screwdriver, remove the screw on the back of the remote control.
2. Gently unsnap the halves of the remote control apart.
3. Slide the 2 lithium batteries out of the circuit board, observing the +/- symbols on the batteries and replace with new lithium 3 volt batteries (model CR2025).
4. Gently snap the halves of the remote control back together and reinstall the phillips screw on the back of the remote control.
5. Test operation of the remote control.

Emergency Override Procedure

If your transmitter is lost or disabled, it will be necessary use the emergency override button to turn the security system off. There are two types of emergency override procedures. Check with your installing dealer to find out what has been activated on your system.

Standard Emergency Override Procedure

1. Enter the vehicle (the security system will trigger.
2. Turn the ignition key to the ON position.
3. Press and release the emergency override button (The security system will turn off).

Note: If the automatic arming feature is enabled on your system. The security system will re-arm the next time the ignition key is turn off and the vehicle's doors are closed.

Coded Override Procedure

The system has an optional override mode that allows you to program a 2-digit personal code using the emergency override button offering a higher level of security. This feature must be enabled by your installing dealer, the default override code is 11.

1. Enter the vehicle (the security system will trigger).
2. Turn the ignition switch to the ON position.
3. Within 5 seconds press the emergency override button the number of times corresponding to the first digit of your personal code (Default digit is 1).
4. Within 5 seconds turn the ignition key OFF, then ON.
5. Within 5 seconds press the emergency override button the number of times corresponding to the second digit of your personal code (Default digit is 1).
6. Within 5 seconds turn the ignition key OFF, then ON.
7. If entered correctly the security system will turn off.
8. Turn the ignition key to the OFF position.

Programming Your Personal Override Code

1. Make sure the security system is disarmed.
2. Turn the ignition key to the ON position.
3. Within 10 seconds press and release the override button 3 times.
4. Within 10 seconds turn the ignition key OFF then ON 3 times (The horn will honk and the lights will flash 1 time).
5. Within 10 seconds press and release the override button the number of times corresponding with the first digit of your personal code (1-9).
6. Within 10 seconds turn the ignition key OFF then ON.
7. Within 10 seconds press and release the override button the number of times corresponding with the second digit of you personal code (1-9).
8. Within 5 seconds turn the ignition key OFF.
9. You will notice the LED flash a number of times corresponding with the code you entered.

Note: If 15 seconds of inactivity pass the system will abort programming.

Note: Do not lose your "Personal Override Code". Reprogramming a new code without the original code can only be performed by an authorized dealer.

Code Systems, Inc. Limited Lifetime Warranty

A Code Systems Inc. (“CODE”) vehicle comfort, convenience and security system sold to a retail consumer purchaser by an authorized dealer of CODE and installed by an authorized dealer of CODE is warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle in which the system was originally installed.

A CODE system sold to a retail consumer purchaser by an authorized dealer of CODE and installed by a party other than an authorized dealer of CODE is warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle. Defects caused by or related to the improper installation of the system are not covered by this or any other warranty.

The duration of this warranty described above applies to all components of the system except for: switches, indicator lights, transmitter(s) and accessories purchased separately.

Transmitters, exclusive of the transmitter case, are warranted by CODE to the original retail consumer purchaser to be free from defects in workmanship and materials for the lifetime of the vehicle in which the system was originally installed.

Switches, indicator lights, and transmitter cases are warranted to the original consumer purchaser for a period of one (1) year from the date of purchase when the system is installed by an authorized CODE dealer.

Code accessories are covered by the warranty supplied with the accessory.

Wiring harnesses altered by installation and transmitter batteries are not covered by this or any other warranty.

This warranty is non-transferable, non-assignable and is completely voided when the system is removed from the car in which it was originally installed. If the vehicle in which the system was originally installed is transferred to another party, this warranty no longer applies.

This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, any use contrary to its intended function, unauthorized service (i.e. service by anyone other than CODE or its authorized service personnel), fire, flood, lightning or other acts of God.

Should a product be found to be defective during the warranty duration, CODE will repair or replace the system or any part of the system that CODE agrees is defective without charge to the retail consumer purchaser of the system during the first year of the warranty period. After the first year of the warranty period has expired CODE will repair or replace the system or any part of the system that CODE agrees is defective for a fee of $10.00 to cover shipping and handling charges.

In order for the system to be repaired or replaced under the terms of this warranty, the defective product must be returned to an authorized CODE dealer and accompanied by a copy of the original retail sales receipt. The date of purchase and year, make and model of the vehicle in which the security system was originally installed must be clearly indicated on the sales receipt.

CODE shall not be held responsible for any removal and/or reinstallation charges of a defective system, damage to or theft of the vehicle or its contents, or any incidental or consequential damages caused by any failure of the system to function properly. Under no circumstances should this warranty, or system covered by it, be construed as an insurance policy against loss. CODE neither assumes nor authorizes any person or organization to make ANY WARRANTIES or assume any liability in connection with the sale, installation, or use of this system. This is the complete CODE warranty and no other warranty exists.

The warranty identified in this form is exclusive and CODE makes no other warranties expressed or implied for any goods or services provided by CODE. CODE specifically and expressly excludes any other warranties including the fitness for a particular purpose and all warranties of merchantability. The customers sole and exclusive remedy for any and all claims against CODE arising out the customers use of any CODE system shall be as delineated in the warranty set forth above. CODE shall not be liable to any customer or any other person or entity for any direct or indirect, consequential, special or exemplary damages arising out of or in connection with the customers use of, or inability to use, or misuse of any CODE provided system.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including any interference that may cause undesired operation.

Warning!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.